3. Product Specifications and Comparison Chart

3-1 NTSC Model (SCA30/SCA33/SCA35/SCA80/SCA85)

System	SCA30/SCA33/SCA35/SCA80/SCA85
Recording system	Video: 2 rotary heads helical scanning FM Audio: FM monaural system (SCA80/SCA85: FM stereo)
Video signal	NTSC color, EIA standard
Usable cassette	SCA30/SCA33/SCA35: 8 mm SCA80/SCA85: Hi8 or 8 mm
Tape speed	SP: approx. 14.345 mm/sec
Speed mode	Record: SP only Playback: SP and LP
Recording time	P6-120: 120 min
FF or REW time	P6-120: approx. 6.5 min.
Image device	CCD (Charge Coupled Device)
Optical zoom ratio	SCA30/SCA33: 16X SCA35/SCA80/SCA85: 22X
Focal length: f	SCA30/SCA33: 3.9~62.6 mm SCA35/SCA80/SCA85: 4.0~88.0 mm
F	SCA30/SCA33: 1.4 SCA35/SCA80/SCA85: 1.6
Filter diameter	46 mm
Focus system	Inner
Macro	Auto wide macro
Min. Illumination	0.3 lux (visible)
Connectors	
Video out	Mini jack, 1 Vp-p, 75 ohms
	Unbalanced
Audio out	Mini jack, 7.7 dBs, Monaural (SCA80/SCA85: stereo)
	imp.: less than 2.2 kohms
External mic	Monaural (SCA80/SCA85: stereo), Ø3.5
General	
Power requirement	6.0~7.2 V DC
Power consumption	SCA30/SCA31: 3.9 W SCA33: 4.1 W
	SCA35: 4.2 W SCA80: 4.7 W
	SCA85: 4.8 W
Built-in mic	Condenser mic, omni-directional
Operating temperature	0°C to 40°C (32°F to 104°F)
Dimensions (W x H x D)	SCA35/SCA80/SCA85 : 105.7 x 104.5 x 210 (41.6 x 41.1 x 82.7 inch)
	SCA30/SCA33 : 105.7 x 104.5 x 201 (41.6 x 41.1 x 79.1 inch)
Weight	SCA35/SCA80/SCA85: 760 g (1.672 lbs)
	SCA30/SCA33: 740g (1.628 lbs)

3-2 PAL Model (VP-A30/VP-A31/VP-A33/VP-A34/VP-A800/VP-A850

System	VP-A30/VP-A31/VP-A33/VP-A34/VP-A800/VP-A850
Recording system	Video: 2 rotary heads helical scanning FM Audio: FM monaural system (VP-A800/A850: FM stereo)
Video signal	PAL colour, CCIR standard
Usable cassette	VP-A30/VP-A31/VP-A33/VP-A34: 8 mm VP-A800/VP-A850: Hi8 or 8 mm
Tape speed	SP: approx. 20.051 mm/sec
Speed mode	Record: SP only Playback: SP and LP
Recording time	P5-90: 90 min.
FF or REW time	P5-90: approx. 8 min.
Image device	CCD (Charge Coupled Device)
Optical zoom ratio	VP-A30/VP-A31/VP-A33: 16x VP-A34/VP-A800/VP-A850:22x
Focal length: f	VP-A30/VP-A31/VP-A33: 3.9~62.6 mm VP-A34/VP-A800/VP-A850: 4.0~88.0 mm
F	VP-A30/VP-A31/VP-A33: 1.4 VP-A34/VP-A800/VP-A850: 1.6
Filter diameter	46 mm
Focus system	Inner
Macro	Auto wide macro
Min. Illumination	0.3 lux (visible)
Connectors	
Video out	Mini jack, 1 Vp-p, 75 ohms
	Unbalanced
Audio out	Mini jack, 7.7 dBs, Monaural (VP-A800/VP-A850: stereo)
	imp.: less than 2.2 kohms
External mic	Monaural (VP-A800/VP-A850: stereo), Ø3.5
General	
Power requirement	6.0~7.2 V DC
Power consumption	VP-A30/VP-A31: 3.9 W VP-A33: 4.2 W
	VP-A34: 4 W VP-A800: 4.5W
	VP-A850: 4.6W
Built-in mic	Condenser mic, omni-directional
Operating temperature	0°C to 40°C (32°F to 104°F)
Dimension (W x H x D)	VP-A34/VP-A800/VP-A850: 105.7 x 104.5 x 210
	VP-A30/VP-A31/VP-A33: 105.7 x 104.5 x 201
Weight	VP-A34/VP-A800/VP-A850: 760 g
	VP-A30/VP-A31/VP-A33: 740 g

⌘ The technical specifications and design may be changed without notice.

3-3 Comparison Chart

Model / Features	PAL					
	VP-A30	VP-A31	VP-A33	VP-A34	VP-A800	VP-A850
V/Light	X	X	X	O	X	O
BLC	O	O	O	O	O	O
EIS	X	X	X	O	X	O
WDR	X	O	O	O	O	O
Remocon	X	O	O	O	O	O
Battery	Ni-cd	Ni-MH	Ni-MH	Ni-MH	Ni-MH	Ni-MH
Audio	Mono	Mono	Mono	Mono	Stereo	Stereo
V/Finder	EVF	EVF	CVF	EVF	EVF	EVF
P.Title	O	O	O	O	O	O
Focus System	Auto	Auto	Auto	Auto	Auto	Auto
Z/Ratio	x16 (x320)	x16 (x320)	x16 (x320)	x22 (x440)	x22 (x440)	x22 (x440)
CCD	320 K	320 K	320 K	320 K	470 K	570 K
Format	8 mm	8 mm	8 mm	8 mm	Hi8	Hi8

Model / Features	NTSC				
	SCA30	SCA33	SCA35	SCA80	SCA85
V/Light	X	X	O	X	O
BLC	O	O	O	O	O
EIS	X	X	O	X	O
WDR	X	O	O	O	O
Remocon	X	O	O	O	O
Battery	Ni-cd	Ni-MH	Ni-MH	Ni-MH	Ni-MH
Audio	Mono	Mono	Mono	Stereo	Stereo
V/Finder	EVF	CVF	CVF	CVF	CVF
P.Title	O	O	O	O	O
Focus System	Auto	Auto	Auto	Auto	Auto
Z/Ratio	x16 (x320)	x16 (x320)	x22 (x440)	x22 (x440)	x22 (x440)
CCD	270 K	270 K	270 K	470 K	470 K
Format	8 mm	8 mm	8 mm	Hi8	Hi8